IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV

Packaging

NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE	•
QA Closed:	Date:
Work Order: DISPOSITION AGAINST DEPARTMENT/PRO	OCESS
Rework Skid-tube Crosstube W. Part No. Scrap Machining Small Fab Prod. Eng Use-as-is Thermoforming Finishing Rec/Store/Pa	· — · —
Root Description of work order update Initial Action Sign &	
Cause Date Step Qty or Non-conformance Chief Eng Description Date Ve	Perification QC Inspector
Doc/Data	
Equip/Tooling	
Operator	
Material Material	
Setup	
Other	
Process	
Supplier	
Training	
Unapproved	
FAULT CATEGORY	
Landing Gear General Bending Bending Bend Grain Ovalized	Pressure/Forced
	
	Weld
Cracks Broken/Damaged Inspection Incomplete Part Incorrect	
Crushed/Crimped. Burrs Instructions Incomplete/Unclear Part Lost/Missing	gwrong stock Pulled
	na
Inspection Strip in Tube Cut Too Short Misread Power Loss/Surge Ripples in Bend Drill Holes Offset	se [Joures
Torque Waves in Extrusion Drawing Out of Calibration	

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

Folio

Work Order ID 94115 *94115* November-30-12 9:22:13 AM Item ID: 647 7711 Accept *N900040100* Setup Start **Revision ID:** Stop Strut Tube Item Name: 11/30/12 Start Oty: 3.00 **Start Date: Cust Item ID:** Req'd Qty: 3.00 Required Date: 12/14/12 **Customer:** Reference: Start Run Tooling: Process Plan: Date: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Tool ID Operation Set Up/ Tool # Plan Reject Reject Accept

Run Hours

0.00

0.00

Code

Otv

Oty

Work Center ID

140

Quality Control

140

Description

OC21- Final Inspection - Work Order Release

Memo

MF (3-2-07

Insp.

Stamp

Number

Page 2

NCR:	Yes /	No	WORK ORDER NON-CONFORM

DQA:	Date:	* y

NCR: Y	'es /	No				WORK ORDER NON-	CON	FORM	MANCE / UP	DATE			2
											QA Closed:	Date	:
Work Order:				DISPOSITION Rework	-,	AGAINST DEPARTMENT/PROCESS Skid-tube Crosstube Water Jet Engineering							
Ì	Part No S Use-			Scrap Use-as-is Work Order Update		! Thern	Machining noforming Large Fab	Small Fab Finishing Composite		d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other		
Root					Descri	ption of work order update	ln	itial	Ac	tion	Sign &		
Cause	1	Date	Step	Qty	(or Non-conformance	Chie	ef Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved							FAULT	CATE	GORY				
Landir	ng Gea	r				General	FAULI	CAIL	GOKT				
·	Be Ce Cra Cru Cu He Ins Rip	nding ntre Not acks ushed/C ffs at Treat spection oples in rque Wa	Strip in	Tube		Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing Finish	H		Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread Offset Out of Calibration Out of Sequence		Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V	ct ssing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
	_	_	st in Tub	e		Folio	-		Dimensions				

Picklist Print

November-30-12 9:22:13 AM

Work Order ID:

94115

Parent Item:

647.7711

Parent Item Name:

Strut Tube

Start Date: 11/30/12

Required Date: 12/14/12

Page 1

Start Qty: 3.00

Required Qty: 3.00

Comments:

IPP REV:A 12.11.06 NEW ISSUE DD VERE:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M4130NT0.500W.083 4130 RD tube .500 x .083	W	Purchased	No			110	f	20.7000	1.816	5.7347368			,
				Location		Loc Qty	Lo	c Code					
				MAT032		20.7							
				123	724	20.7		5. <i>4</i> '	MA	13/0	2/02		

									DQA:	Date:	· · · · · · · · · · · · · · · · · · ·
NCR: Ye	s / No			WORK ORDER NO	N-COI	NFORM	/ANCE / UP		QA Closed:	Date:	
Work Order:	:			DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
	Part No.		 Scrap Use-as-is			Small Fab Finishing	Water Jet Prod. Eng. Coor. Rec/Store/Packaging		Engineering Quality Other		
NCR No),			Work Order Update			Large Fab	Composite		Supplier	
Root				Description of work order updat	e	Initial	Ac	tion	Sign &		
Cause	Date	Step	Qty	or Non-conformance	Ch	hief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling					-						
Operator											
Material											
Setup				·							
Other					1						

BOM/Route Over/Under tolerance Temperature/Cure Centre Not Concentric to O/S Hardware Cracks Broken/Damaged Inspection Incomplete Part Incorrect Weld Burrs Crushed/Crimped Instructions Incomplete/Unclear Part Lost/Missing Wrong Stock Pulled Cuffs Part Moved Contamination Maintenance Positioned Wrong Mislabeled Heat Treat Countersink Power Loss/Surge Other Inspection Strip in Tube Cut Too Short Misread Drill Holes Offset Ripples in Bend Torque Waves in Extrusion Drawing Out of Calibration Turning Sequence Out of Sequence Finish

Outside Dimensions

Pressure/Forced

Ovalized

FAULT CATEGORY

Grain

General

Bend

Folio

Wave/Twist in Tube

Process
Supplier
Training
Unapproved

Landing Gear

Bending

DART AEROSPACE LTD	Work Order:	94115
Description: Strut tube	Part Number:	647,7711
Inspection Dwg: 647,7700Rev: N/C		Page 1 of 1

* FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.500	+ 0.005	0.501"	V		Vern	LA-26
DO.334	± 0.005	0.334"	/		Vern	RA-26
21.80	± 0.010	21.803"	V		Vern	84000
R - 188	t 0.005	· 1910	/		Vern	87000
			· · · · · · · · · · · · · · · · · · ·			
		4			·	
					:	

Measured by:	M.D 13/02/06	Audited by:		Preliminary Approval:	
Date:	13-02-06	Date:	7,700	Date:	
	<u> </u>	<u> </u>			

Rev	Date	Change	Revised by Approved
E		Added preliminary approval	KJ



